

(19) (KR)  
(12) (B1)

(51) 。 Int. Cl.7  
B60G 7/02

(45)  
(11)  
(24)

2003 12 31  
10-0412870  
2003 12 12

(21) 10-2001-0054026  
(22) 2001 09 04

(65)  
(43)

2003-0020620  
2003 03 10

(73) 231

(72) 787-9

(74)  
:

(54)

, (51) 가 (2) (51)  
, (52) , (52) 가 (51) (52)  
(L) (54) , (52) (53) , (53) (53) (L) 가 (5)  
5) (50) , (551) (52)가 (1)  
, 가

4

1 ,  
2 ,  
3 ,  
4 3 - .  
< >  
1 - 2 -

- 50 -
- 52 -
- 53 -
- 54 -
- 551 -
- 553 -
- 555 -
- 51 -
- 52a -
- 53a -
- 55 -
- 552 -
- 554 -
- L -

가

가

(1) 1 가

(20; G ) (20)가

(10) (20)

(30)

(20) 2 가

(21) 가

(22) (22) (20)

가

shness) ,

(20) (1)

(22) (20) [ (steel) (22) (plastic)

(20)

(22) 가

(10; A (1) )

(41,42) (2)

(21) (21) ,

(23) 가 (random excitation) , (impact har

(shimmy)

(juder)

가 가

가 가

가

3

(50) G , 가 (1)

(1) 1 (50; 3 4 ) (20)가 (10; A )

(10) (50) (41,42) (2)

(30)

(50) 3 4 (2)

(51) , (51) 가 (5) (52) , (52) 가 (53) , (53) (53)

(52) (L) (54) , (52) (53) (53)

(L) 가

(55) (55) (55) (51)

90° 가 (52) (53) (L)

(52) (53) (551) , (L)

(52) (52) (551)

(552) , (52) (552) (51)

(L) (52) (53) (52a) (553) , (551)

(53) (53) (554) (554) (551)

(54) (53) (554) (53a)

(555) (52) (53) (50)

(50) 가 (random excitation) , (i

mpact harshness) , (shimmy) , (juder)

(50) (51) (52)가 (50)

(1)

(50) 3 M (552) (5)

(553) (555)가 (551)

(50) 3 R (554)가 (50)

(551) (552) (52) (53)

) 가 ,

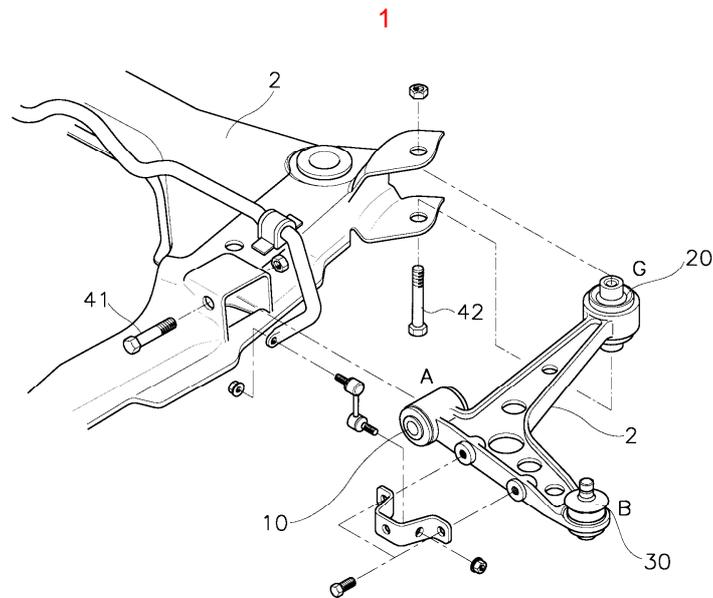
가

가

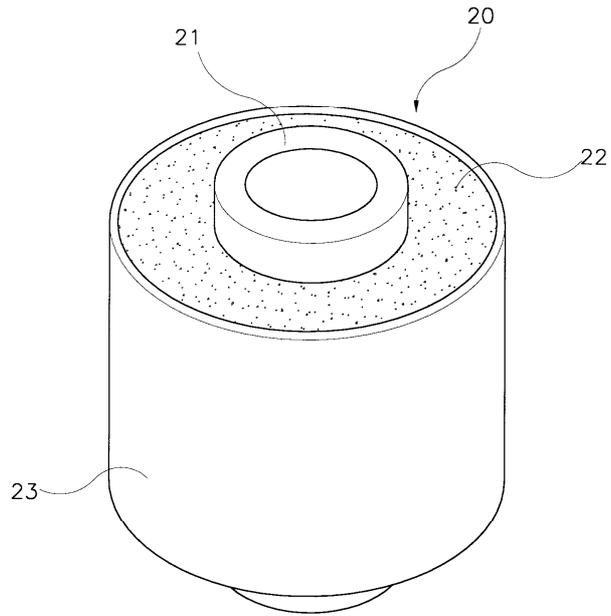
(57)

1.

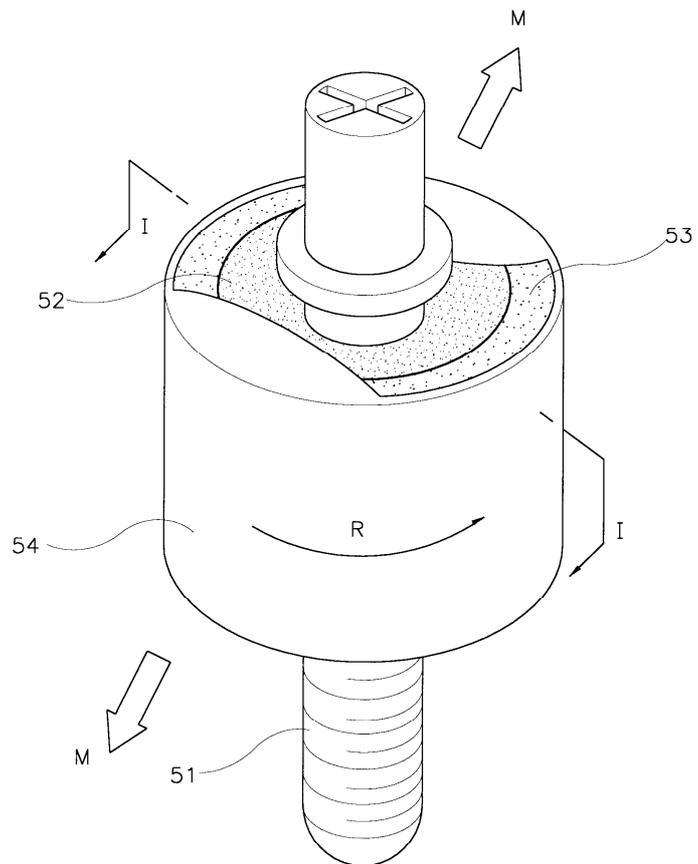
(2) (51) , (51) 가  
 (51) (52) , (52) 가  
 53) , (53) (L) 가 (L) (52) (  
 (54) , (52)  
 (55)  
 2.  
 1 , (55) (51) 90° 가  
 3.  
 1 2 , (55) (52) (53) (L)  
 (L) (52) (52) (52) (551) ,  
 (52) (552) , (52) (552) (551)  
 (51) (553) , (L) (52) (53) (52a)  
 (551) (53) (53) (554)  
 (53a) (54) (554) , (53) (554)  
 (555)



2



3



4

